The State's Oldest Forest Conservation Organization

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Who We Are

- Tracing our roots back to 1911, the NCFA is an advocacy group that promotes the management of healthy forests, a vibrant forest products industry, and the importance of private property rights.
- The NCFA is the state's most diverse group of forestry related interests, ranging from private landowners with less than 75 acres to large sawmills and paper facilities.
- Membership is over 4,100 members



Jean and Bob Cooper – 2008 National Tree Farmers of the Year

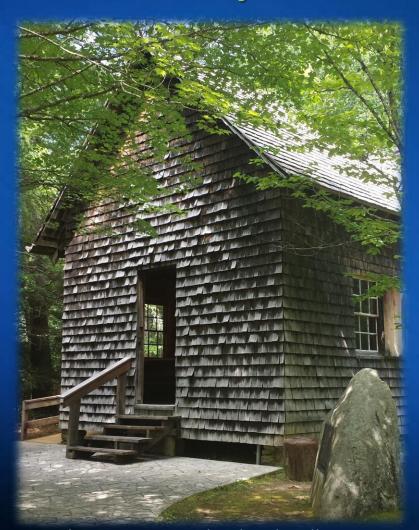
North Carolina Forestry Association Proactive in Regulatory/Legislative Issues

- The NCFA participated in the development of the Best Management Practices and the Forest Practice Guidelines. The association continues to provide input to the North Carolina Forest Service.
- The NCFA's ProLogger program was developed on request by the NC Department of Labor to improve safety in the professional logging field.
- SESSION LAW 2005-447 "The Right to Practice Forestry Law" - This law defines a landowner's right to practice forestry in North Carolina providing he/she has a management plan. This provides protection against any new ordinances that may be developed by a municipality.



Cape Hatteras Lighthouse

North Carolina Forestry Association Historical Importance of Forest Products



Biltmore Forest School, Asheville, NC

- In colonial times, North Carolina led the world in the production of naval stores tar, turpentine, resins, etc.
- Tar Heel nickname is directly associated with production of pine tar.
- North Carolina is the birthplace of American Forestry. Foresters Gifford Pinchot and Carl Schenk established the Cradle of Forestry in Asheville, NC.
- "Biltmore could be made to prove what America did not yet understand that trees could be cut and the forest preserved," Gifford Pinchot, the father of American Forest Conservation.

North Carolina Forestry Association Environmental and Economic Impact Today

- North Carolina has 18.7 million acres of forestland in state despite increase in population and growth of urban centers.
- 85% of these forests are privately owned. Two-thirds by non-industrial private individuals.
- Forest type composition: Hardwoods (55%), Pine (28%), Mixed Stands (17%)
- Forests provide cleanest air, cleanest water, countless wildlife benefits, and recreation opportunities.
- Annual growth rates are higher than removal rates in both hardwoods and pine.
- Urbanization is the biggest threat to forests as identified in Southern Forest Resource Assessment (2008).



Bottomland areas are rich in biodiversity.



Wildlife thrives on managed forests.

North Carolina Forestry Association Environmental and Economic Impact Today

- North Carolina's top manufacturing industry and represented in all 100 counties. Companies are efficient with forest resource.
- Produced \$18.5 billion in output and direct employment of 70,300 and a payroll of \$3.8 billion.
- Generated \$912 million in state, local and federal tax revenues.
- Adding in timber income, contributed \$29.4 billion in output and 144,800 jobs with a payroll of \$7.36 billion to North Carolina's economy.
- Contributed \$10.0 billion to gross state product
- Generated 1,060 jobs throughout the state for every 1,000 forestry and forest products job.
- Contributed an additional \$587,000 to the overall North Carolina economy for every \$1.0 million generated in forestry and forest products output.

Data courtesy of North Carolina State University, North Carolina's Forests and Forest Products Industry by the Numbers, 2013.



Computers and lasers maximize log utilization.



North Carolina is home to several large privately owned sawmills.

Certification & Training

- The Sustainable Forestry Initiative maintains standards on resourcing and ownership for forest products industry. Participating companies are audited annually.
- NCFA ProLogger Program started in 1995 to promote safety, business and environmental awareness. Program added continuing education element in 2001.
- Currently, over 1,600 ProLoggers in program. For SFI, each logging crew must have at least one ProLogger.
- NCFS surveys demonstrate that ProLoggers rate higher in terms of compliance with BMPs than non-ProLoggers.





ProLoggers remain in good standing through an annual training course.

North Carolina Forestry Association Strong Markets = Healthy Forests

- Two out of three of NC's 18.7 million acres of forests are owned by more than 500,000 non-industrial, private landowners.
- These forests produce clean air, clean water, and countless wildlife benefits in addition to providing the raw materials to support our forest products industry.
- Forest landowners manage their forests for many reasons, but their stewardship is often dependent on their ability to eventually earn an economic return on their trees.



Gene Brown – 2013 North Carolina Tree Farmer of the Year.

Merchandising the Resource



Judy & Dwight Batts — 2014 National Tree Farmers of the Year

- Typically, there are several raw materials generated off of a final timber harvest. Products depend on wood species, size, location, and of course, demand.
- 80% Sawtimber Large diameter trees for production of lumber or veneer. Destination: sawmill and/or veneer facility. Reward: \$\$\$\$
- 20% Pulpwood Smaller diameter trees for production of paper, pellets, chips, OSB, plywood – Destination paper/fluff mill, OSB facility, bioenergy facility, pellet mill. Reward: \$
 - Markets are local due to resourcing and transportation challenges. Landscape impacts operations and markets.

Hunt Forest Resources, LLC

- Hunt Forest Resources, LLC is composed of multiple, affiliated businesses within the forest products industry supply chain:
 - 3 Timber investment offices
 - 9 Timber harvesting operations
 - 3 Woodyard facilities
 - 1 Trucking Company
 - 1 Commercial packaging firewood company
- Employs 38 people and contracts with 20 additional companies.
- Overall business involves commerce with 200 plus businesses in NC



Logging companies are frequently family owned and operated businesses

North Carolina Forestry Association Hunt Forest Resources, LLC



Merchandising takes place on the logging deck.

- Hunt Forest Resources, LLC delivers raw materials to related finish-product markets located across the state from the coast to the mountains.
- These markets provide opportunity to sell all the different product classes of forest products that are grown by private forestland owners. These markets create value for raw material product classes such as:
 - Pine and hardwood logs for export
 - Pine and hardwood logs for the manufacturing of lumber
 - Pine and hardwood small logs for pallet production
 - Pine pulpwood for OSB, fluff pulp and paper production
 - Harwood pulpwood for white paper, pellet production and firewood

North Carolina Forestry Association Hunt Forest Resources, LLC

- These collective markets provide a competitive business environment for forestland owners to sell their products at highest and best value.
- Forestry is a private, long-term investment with many public benefits. Forestland owners grow timber as an asset.
- It is imperative to the health and future of our forests to provide these landowners with the best business climate for the forest products industry to ensure landowners earn higher returns for the growing timber.



U.S. Congressman George Holding and ProLogger Will Coleman during a recent tour of an active logging job.

North Carolina Forestry Association Hunt Forest Resources, LLC

- East Coast Firewood, LLC is our finish-product market. The firewood is produced by one of our affiliated companies.
- We purchase and utilize the lowest value hardwood products from forest landowners. This market creates value for trees that may not have had value otherwise.
- Efficiently utilizing all of the possible products of a given acreage provides a better financial return for the landowner, reduces waste on the landscape, and makes reforestation a cheaper and more effective forest management activity.



The chipping of low value wood can increase the bottom line for the forestland owner by adding revenue and reducing reforestation costs.



Truck Safety Day at Kapstone



Where We Need Help...

- Transportation: Truck weight tolerance (+10,000 over federal highway limit) is crucial to economic future. Need tolerance on existing roadways and future federal highway designations must be grandfathered to include tolerance.
 - Safety Log trucks should be on highways. New designations could push them off roads they travel now to secondary roads.
 - Economics Need the shortest route.
- Present Use Value Program Critical to forestland owner trying to maintain forests/farmland.
 - Need standardized application of program.
- Forest Development Program Provides invaluable funding for landowners to reforest lands.
- Responsible Public Policy The Right to Practice Forestry is important to forest landowners and industry.
- Military Partnerships Forests provide ideal buffers and working forest conservation funds are benefits.

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